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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/655,554	09/02/2003	Alla Volman		6697

7590 10/28/2004
Alla Volman
11 Caldwell Circle
Newtown, PA 18940

EXAMINER

GREGORY, BERNARR E

ART UNIT PAPER NUMBER

3662

DATE MAILED: 10/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/655,554

Applicant(s)

VOLMAN, ALLA

Examiner

Bernarr E. Gregory

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— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

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1. Claims 1-3 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

On line 3 of independent claim 1, "a waveform signal generator/generators" makes the claim indefinite and unclear in that the language does not make clear if one or a plurality of generators is claimed. In addition, note the use of the article "a" with the plural "generators." Throughout claim 1, the further uses of "generator/generators" are indefinite and unclear in context. The same problem occurs in independent claims 2 and 3.

On lines 8-9 of claim 1, "a resistive multiport voltage divider/dividers" makes the claim indefinite and unclear in that the language does not make clear if one or a plurality of dividers is claimed. In addition, please note the use of the article "a" with the plural "dividers." Throughout claim 1, further uses of "divider/dividers" are indefinite and unclear in context. Please note the same problems with the same phrase in claims 2 and 3. The same problem occurs with the phrase "a resistive multiport voltage divider/dividers" on lines 18-19 of claim 1. Further, it is unclear if the second use of "a resistive multiport voltage divider/dividers" in claim 1 means a second "resistive multiport voltage divider/dividers" or the same one as recited earlier in claim 1.

On lines 12 and 22 of claim 1, the uses of "VCRs" are indefinite and unclear in context as to what the acronym stands for in this context in that it does

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not appear to have its normal meaning in everyday English. The same problem occurs in claims 2 and 3.

On line 4 of claim 1, "a designated repetition times" is indefinite and unclear in context as to whether a singular or a plural form is in view due to the conflicting use of the article "a" and of the plural noun "times." The same problem occurs in claims 2 and 3.

On lines 12-13 of claim 1 and throughout claims 1-3, the uses of the phrase "or any other narrow-band or wide-band source of RF signals" are indefinite and unclear in context since the phrase is virtually an unbounded set.

On line 30 of claim 1, it appears that "such a way that" should have been written as "in such a way that."

On lines 1 and 27 of claim 1, the phrase "flat or conformal" is indefinite and unclear in context in that the terms joined by the disjunctive are not equivalents.

In claims 2 and 3, the uses of "LNA" and of "LNAs" are indefinite and unclear in context. If low noise amplifier is meant, then the claim language must be clarified to reflect that.

2. Claims 1-3 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

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3. The disclosure is objected to because of the following informalities: the table of references for the Specification (pages 15 and 16) must be inserted in the Specification rather than after the Abstract.

Appropriate correction is **required**.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The examiner-cited prior art is of general interest for showing the general state of the prior art.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernarr E. Gregory whose telephone number is (703) 306-5765. The examiner can normally be reached on weekdays from 7:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas H. Tarcza, can be reached on (703) 306-4171. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

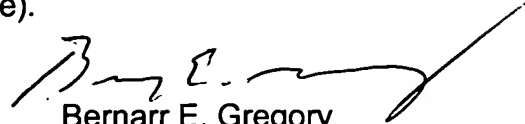
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic
Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Bernarr E. Gregory", with a long, sweeping horizontal stroke extending to the right.

Bernarr E. Gregory
Primary Examiner
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